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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/028,506	12/20/2001	Thomas Michael Gorin	10765-1010	4453
7590 06/29/2004			EXAMINER	
George M. Thomas Thomas, Kayden, Horstemeyer & Risley 100 Galleria Parkway, N.W., # 1750 Atlanta, GA 30339-5948			TA, THO DAC	
			ART UNIT	PAPER NUMBER
			2833	

DATE MAILED: 06/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/028,506	GORIN, THOMAS MICHAEL	
	Examiner	Art Unit	
	Tho D. Ta	2833	

-- **Th MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>12/10/01</u> . | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Weeno: How to Install a Second Phone line yourself in view of Noorily (4,820,193).

Weeno discloses (on page 4 of 6) generally all that is claimed except for each conductor bearing at least one solid color or a color combination that is different from the solid colors and color combinations of the other conductors so that each conductor can be visually distinguished from the other conductors, and the junctions each being identified by colors different from the colors of the other junctions.

Noorily discloses each conductor 21a-21d bearing at least one solid color that is different from the solid colors of the other conductors 21a-21d so that each conductor 21a-21d can be visually distinguished from the other conductors 21a-21d, and the junctions 61a-61d each being identified by colors different from the colors of the other junctions 61a-61d.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Applicant's admitted prior art by applying color coded as taught by Noorily in order to avoid the risk of incorrect connection and thus providing a reliable connector assembly.

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3. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over and Weeno and Noorily as applied to claim 1 above, and further in view of Applicant's admitted prior art (page 5 of specification).

Weeno as modified by Noorily does not disclose that the insulation jacket of a conductor of each pair of conductors is a solid color and the insulation jacket of the other conductor of the pair of conductors is of a common color with a stripe of a color that is the same as the solid color of the wire of the pair.

Applicant's admitted prior art teaches (on page 5 of the specification) the use of solid color and stripe of a color.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify Weeno by applying color combination coded as taught by Applicant's admitted prior art in order to avoid the risk of incorrect connection and thus providing a reliable connector assembly.

4. Claims 4-16, 18-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art (specification pages 2-8) in view of Noorily (4,820,193).

In regard to claims 4-16 and 18-21, Applicant's admitted prior art discloses generally all that is claimed except for each conductor bearing at least one solid color or a color combination that is different from the solid colors and color combinations of the other conductors so that each conductor can be visually distinguished from the other

conductors, and the junctions each being identified by colors different from the colors of the other junctions.

Noorily discloses each conductor 21a-21d bearing at least one solid color that is different from the solid colors of the other conductors 21a-21d so that each conductor 21a-21d can be visually distinguished from the other conductors 21a-21d, and the junctions 61a-61d each being identified by colors different from the colors of the other junctions 61a-61d.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Applicant's admitted prior art by applying color coded as taught by Noorily in order to avoid the risk of incorrect connection and thus providing a reliable connector assembly.

5. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art and Noorily as applied to claim 13 above, and further in view of Easter et al. (6,161,278).

In regard to claim 17, Applicant's admitted prior art as modified by Noorily does not disclose that the conductors bear the colors white and blue, white and orange, white and green, white and brown.

Easter et al. teaches the use of color combination such as white and blue, white and orange, white and green, white and brown.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to further modify Applicant's admitted prior art by applying

color combination coded as taught by Easter et al. in order to avoid the risk of incorrect connection and thus providing a reliable connector assembly.


***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tho D. Ta whose telephone number is (571) 272-2014. The examiner can normally be reached on M-F (8:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (571) 272-2800 ext 33. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

tdt  
06/23/04

  
**THO D. TA**  
**PRIMARY EXAMINER**